

APPENDIX E: DAC UNDERGROUND TANK INFORMATION

TANK #	YEAR	INSTALLED	CURRENT USE	CAPACITY (GAL)	DIMENSIONS (FT)	LOCATION
1T	PRE 1950	YES	12,000	19 X 14	EAST OF R-20	
2T	PRE 1950	YES	4,000	12 X 9	EAST OF R-20	
3T	PRE 1950	YES	4,000	12 X 9	EAST OF R-20	
4T	PRE 1950	YES	500	5 X 5.5	CENTER OF R-20	
5T	PRE 1950	YES	8,500	8 X 12	SOUTHEAST OF R-20	
6T	PRE 1950	YES	8,500	8 X 12	SOUTHEAST OF R-20	
7T	PRE 1950	YES	8,500	8 X 12	SOUTHEAST OF R-20	
8T	PRE 1950	YES	10,000	23 X 11	EAST OF R-29	
9T	PRE 1950	YES	3,000	11 X 8	EAST OF R-40	
10T	PRE 1950	YES	10,000	22 X 12	EAST OF R-20	
11T	1982	YES	7,500	9 X 21	EAST OF R-1	
12T	1982	YES	7,500	9 X 21	EAST OF R-1	
13T	1982	YES	500	4 X 5.5	EAST OF R-1	
14T	1982	YES	500	4 X 6	EAST OF R-1	
15T	1979	YES	5,000	8 X 13.5	SOUTH OF R-36	
16T	1979	YES	5,000	8 X 13.5	SOUTH OF R-36	
17T	1979	YES	5,000	8 X 13.5	SOUTH OF R-36	
18T	1979	YES	5,000	8 X 13.5	SOUTH OF R-36	
19T	1980	YES	50,000	58 X 12	NORTH OF R-41	
20T	1980	YES	50,000	58 X 12	NORTH OF R-41	
21S	1983	YES	500	4.5 X 11	NORTH OF R-41	
22S	1963	YES	500	14 X 8	H-37, COL 19A	
23S	PRE 1950	YES	15,000	9 X 30	B-2, COL. HH1	
24T	1982	YES	1,000	4 X 13	STEAM SLAB	
25T	PRE 1960	YES	1,000	5 X 10	STEAM SLAB	
26S	1980	YES	500	4 X 8	EAST OF R-1	
27T				4 X 6	B-2, COL. Z54	
28T				4 X 6	B-2, COL. Z44	
29T				4 X 6	B-2, COL. Z34	
30T				4 X 6	B-2, COL. Z24	
31T				4 X 6	B-2, COL. U13	
32T				4 X 6	NOT LOCATED	
33T				SMALL	WEST OF R-3	
34T				6 X 6+	WEST OF R-11	
35T				17 X 14	EAST OF R-67	
36T				7 X 4	EAST OF R-61	
37T					WEST OF R-36	



Tank or sump location

2T

Tank (T) or sump (S) number

— — — All utilities



Leak detection boring and vadose zone monitoring system location



Leak detection boring location



Non-volatile liquid monitoring well



Pipe > 6 inch diameter, cover > 12 inch diameter



Pipe < 6 inch diameter, cover < 12 inch diameter



Square or rectangular cover > 12 inch diameter



Square or rectangular cover < 12 inch diameter



Vent



Hydrant



Manhole

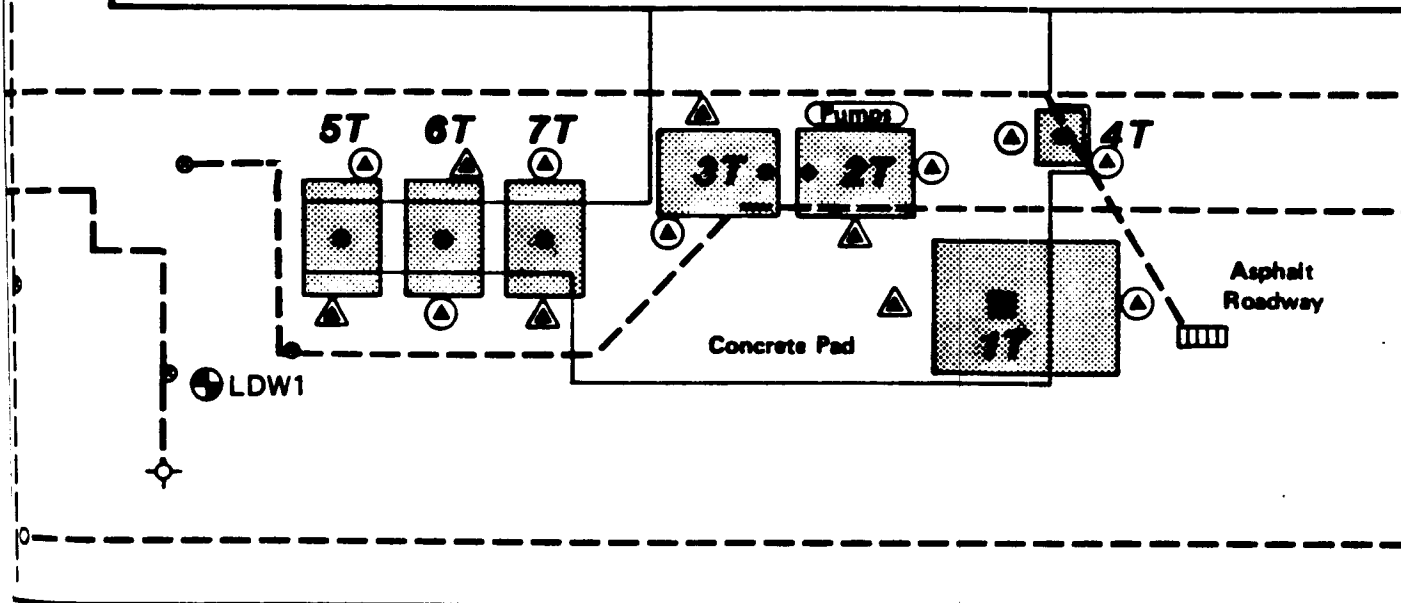


Valve

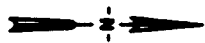


Catch Basin

BLDG. 20



BLDG. 29



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material is a concrete pad surrounded by asphalt.
3. No restrictions other than those shown.

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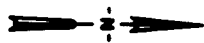
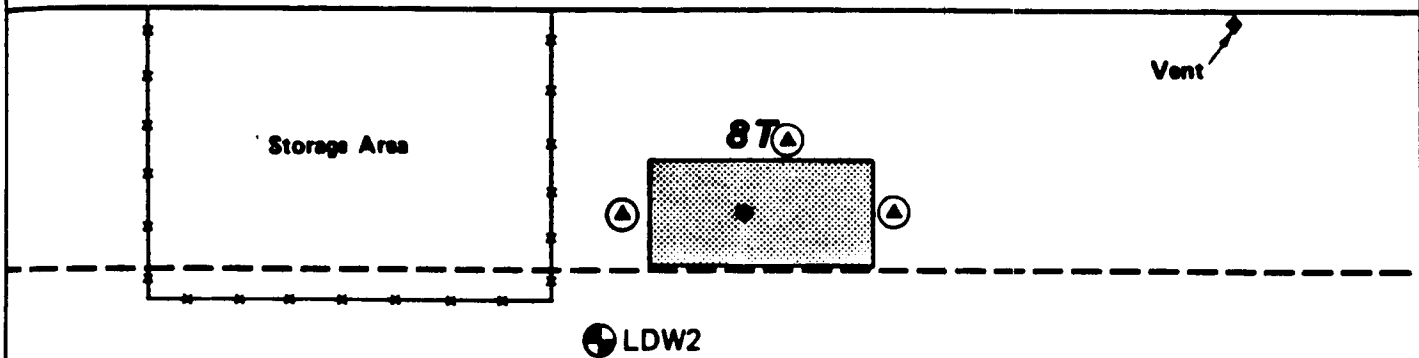
LOCATION MAP FOR TANKS 1T TO 7T

Fig.
E-1

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128677

BLDG. 29



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is asphalt.
3. No restrictions other than those shown.

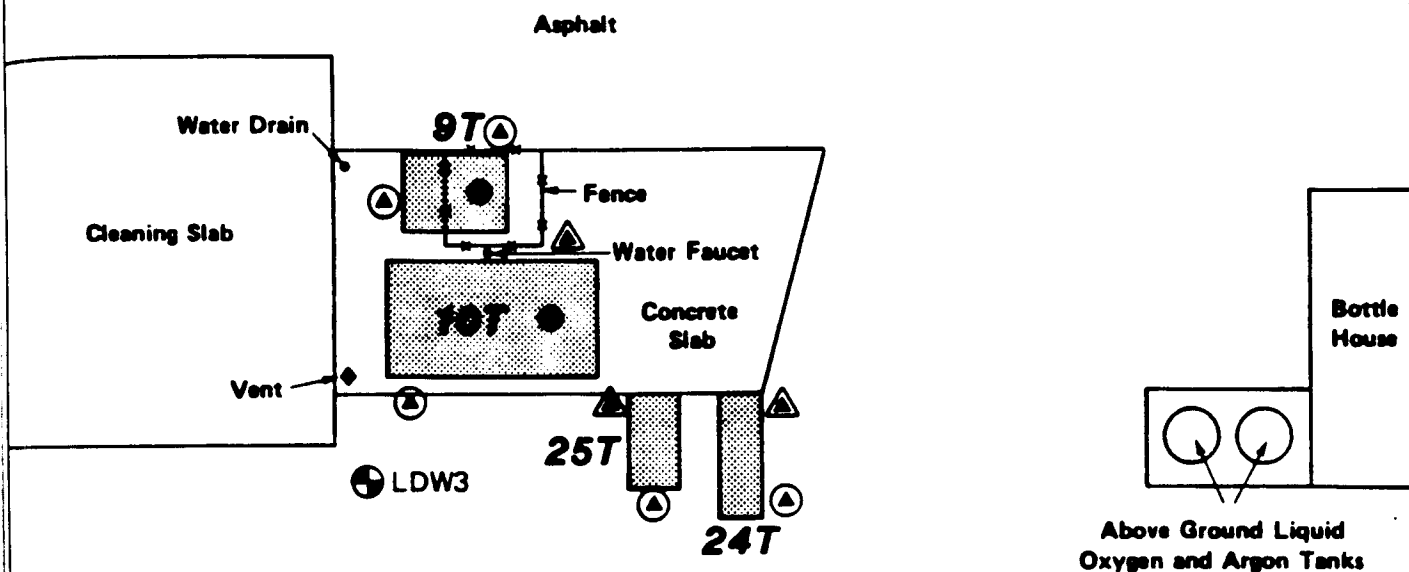
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LOCATION MAP FOR TANK 8T

Fig.
E-2

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128678



NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over tanks 9 and 10 is concrete with asphalt surrounding. Tanks 24 and 25 are bordered by asphalt on 3 sides with concrete to the west.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANKS 9T, 10T,
24T AND 25T

Fig.
E-3

WOODWARD-CLYDE CONSULTANTS

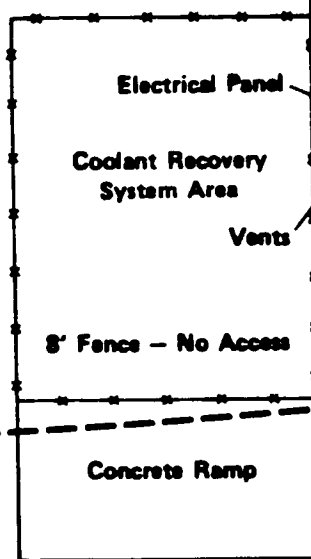
BOE-C6-0128679

BLDG. 1

BLDG.
40

Trench
with Pipes

Breezeway
into Bldg. 1



13T

Guard
Rail

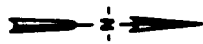
Concrete Slab

Drain

14T

LDW4

Asphalt



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over tanks 11, 13 and 14 is concrete with tank 12 covered by concrete and asphalt. Asphalt roadway surrounds.
3. No restrictions other than those shown.

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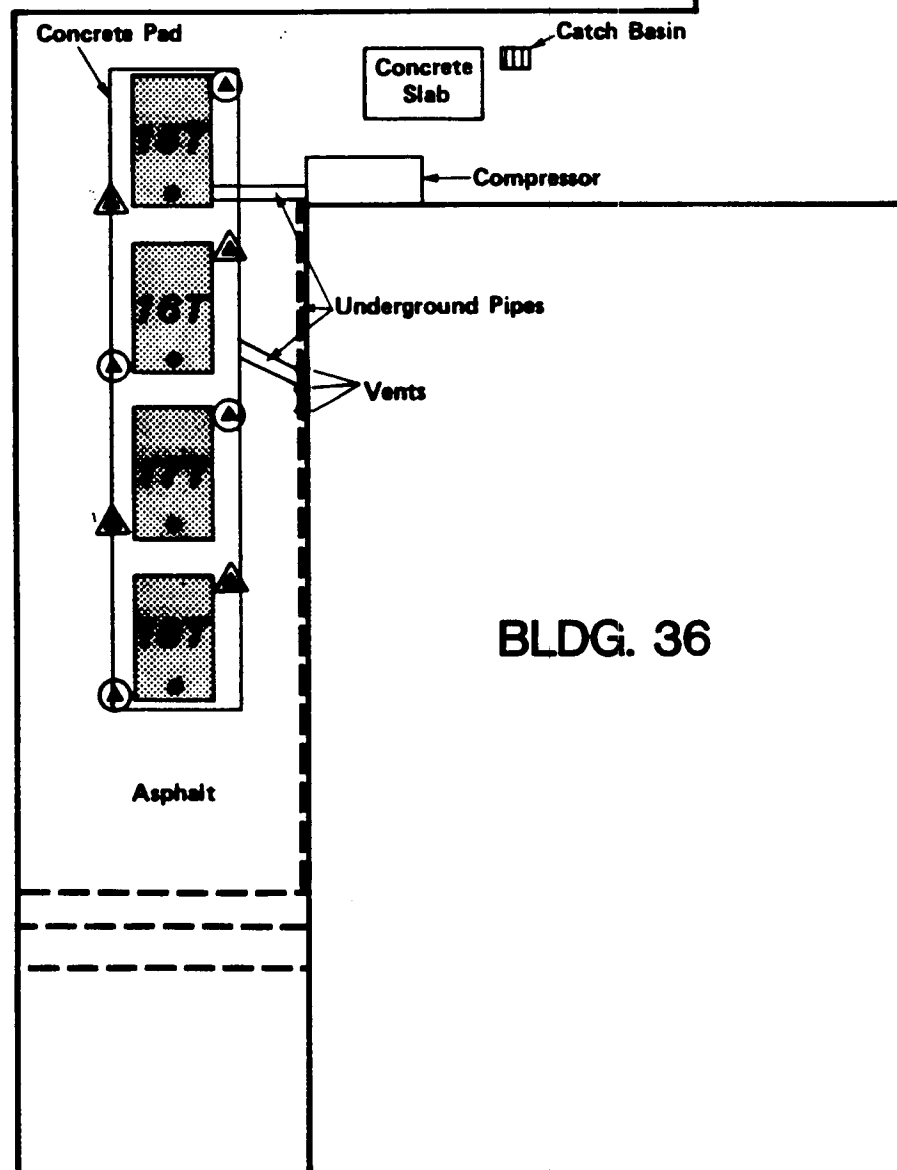
LOCATION MAP FOR TANKS 11T TO 14T

Fig.
E-4

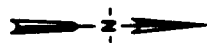
WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128680

BLDG. 1



BLDG. 36



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over the tanks is concrete with asphalt surrounding.
3. No restrictions other than those shown.

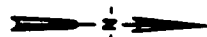
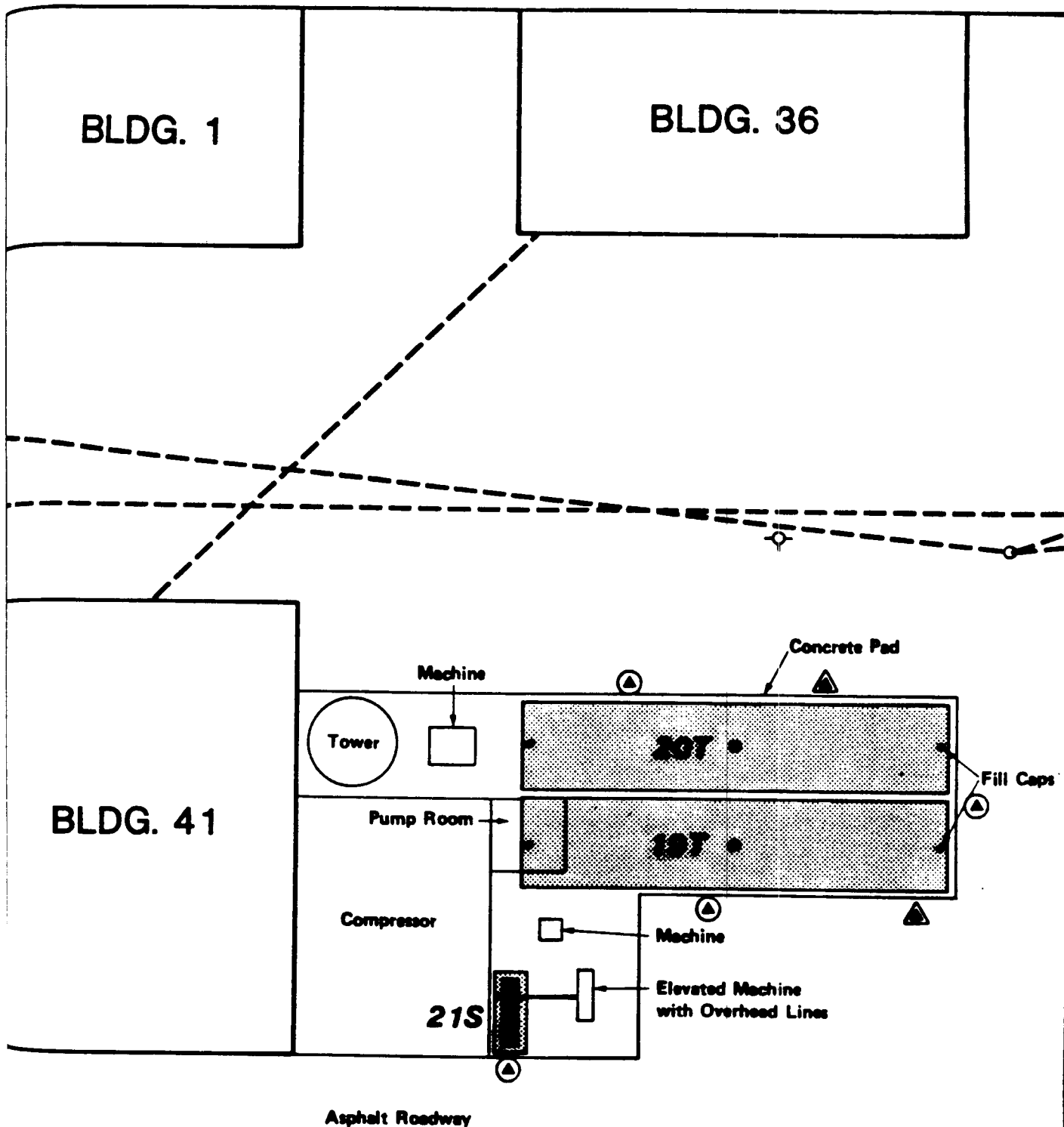
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LOCATION MAP FOR 15T TO 18T

Fig.
E-5

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128681



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over tanks 19 and 20 and sump 21 is concrete with asphalt surrounding.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANKS 19T AND 20T
AND SUMP 21S

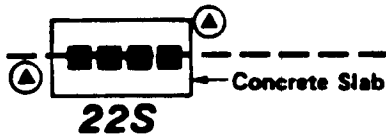
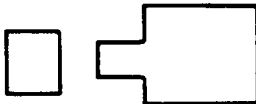
Fig.
E-6

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128682

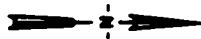
BLDG. 37

Wash Down Structure



Asphalt

LDW 5



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over the sump is concrete with asphalt surrounding.
3. No restrictions other than those shown.

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LOCATION MAP FOR SUMP 22S

Fig.
E-7

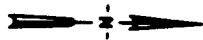
BLDG. 2

Spar Mill



LDW6

Machinery



0 10 20



SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material around the sump is concrete with an asphalt roadway to the north.
3. No restrictions other than those shown.

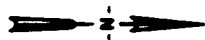
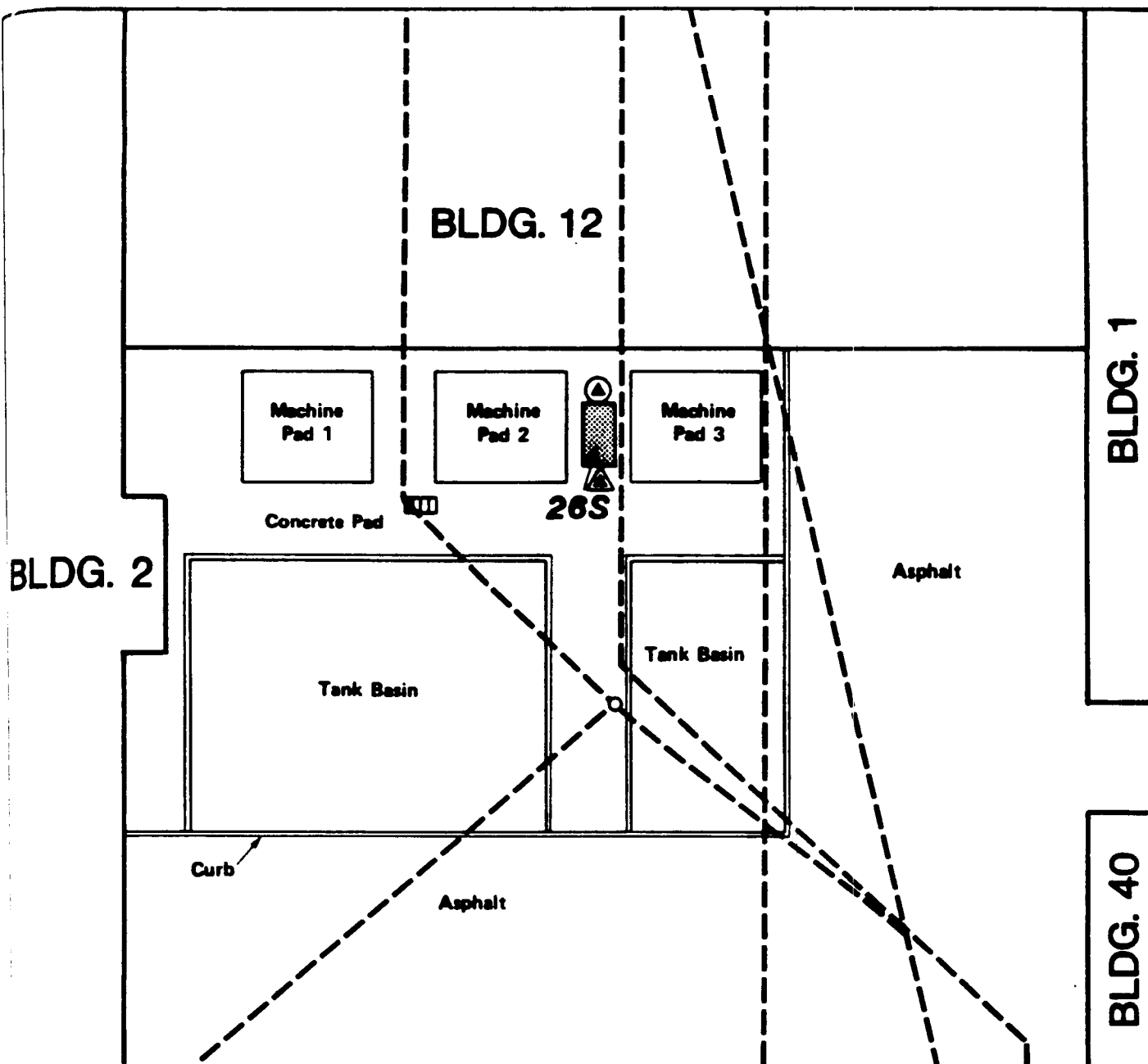
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LOCATION MAP FOR SUMP 23S

Fig.
E-8

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128684



0 10 20

 SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material around the sump is concrete with asphalt to the north.
3. No restrictions other than those shown.

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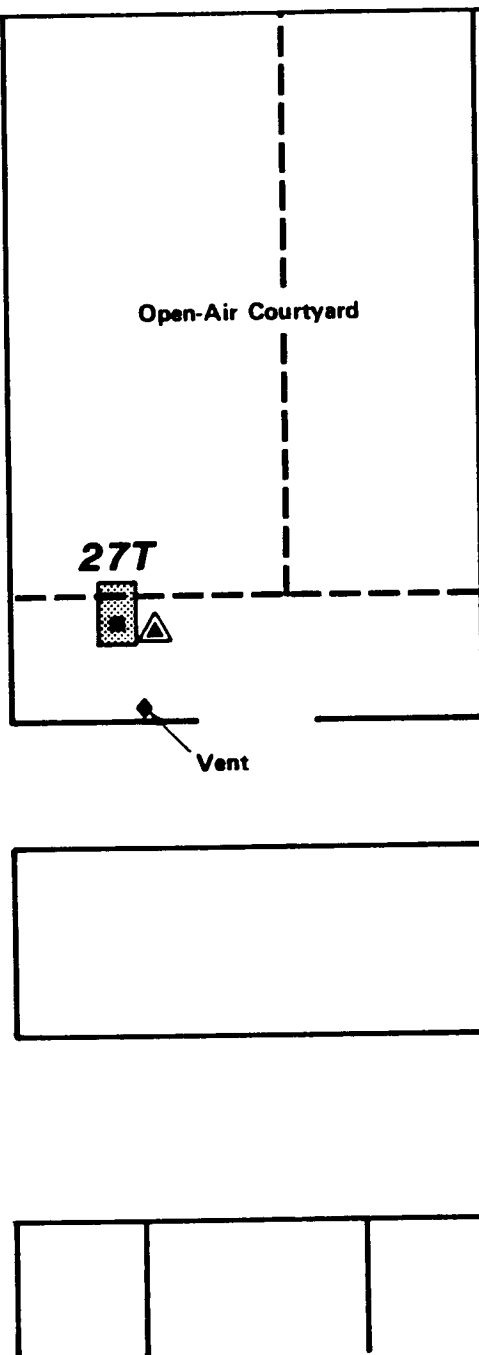
LOCATION MAP FOR SUMP 26S

Fig.
 E-9

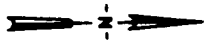
WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128685

BLDG. 2



BLDG. 2



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is concrete.
3. Restrictions to access include pipe racks above tank.

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LOCATION MAP FOR TANK 27T

Fig.
E-10

WOODWARD-CLYDE CONSULTANTS

Above
Ground
Tank

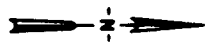
Open-Air Courtyard

28T

Vent

BLDG. 2

BLDG. 2



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is concrete.
3. No restrictions other than those shown.

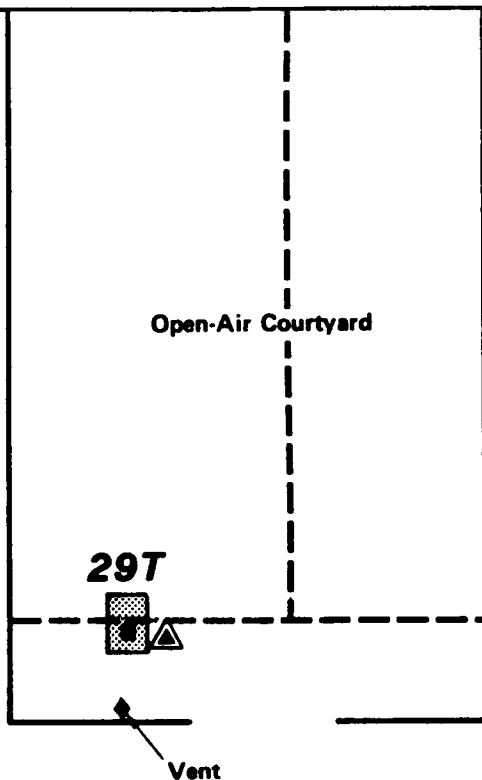
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LOCATION MAP FOR TANK 28T

Fig.
E-11

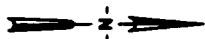
WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128687



BLDG. 2

BLDG. 2



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is concrete.
3. No restrictions other than those shown.

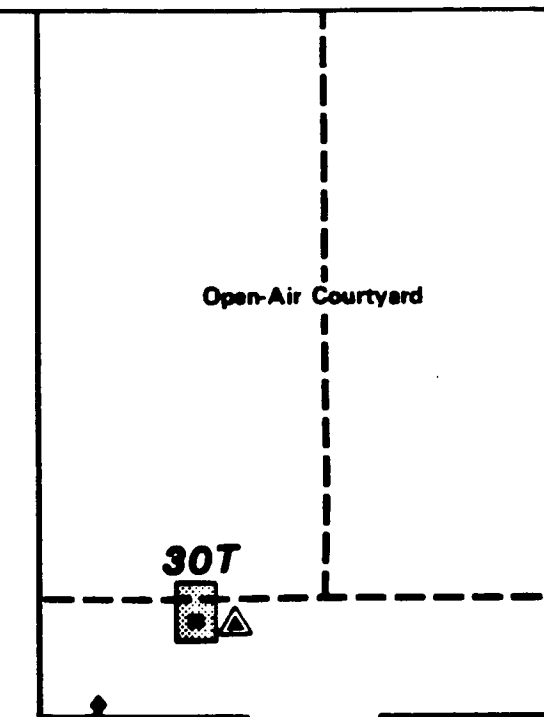
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LOCATION MAP FOR TANK 29T

Fig.
E-12

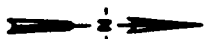
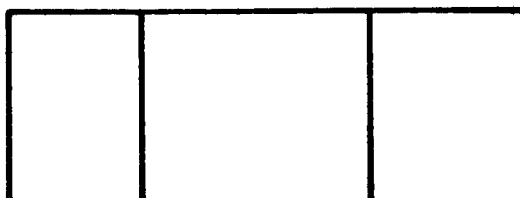
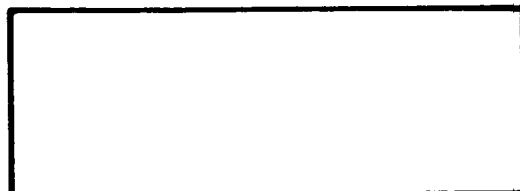
WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128688



BLDG. 2

BLDG. 2



0 10 20



SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is concrete.
3. No restrictions other than those shown.

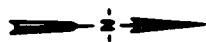
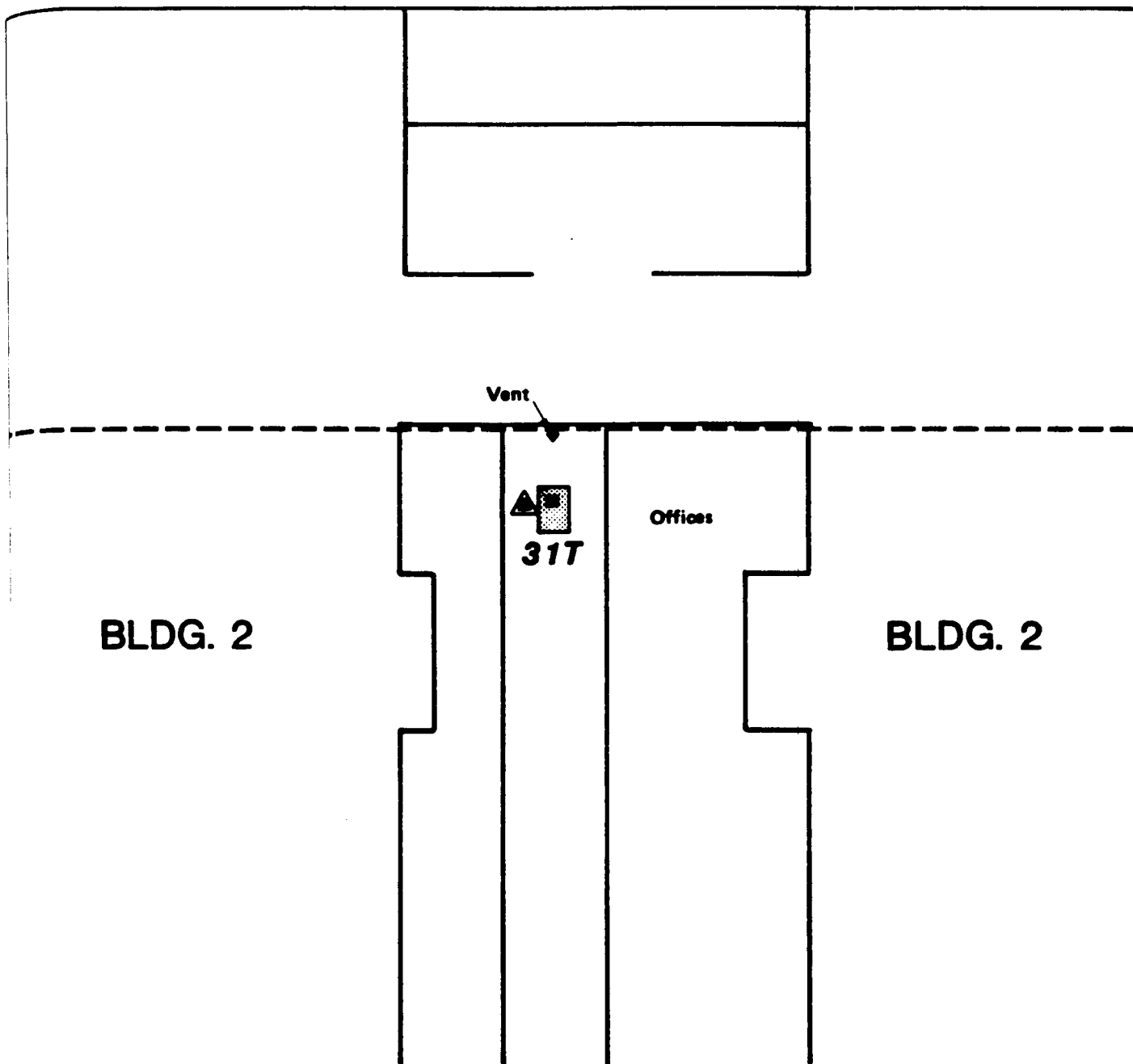
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LOCATION MAP FOR TANK 30T

Fig.
E-13

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128689



0 10 20

 SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is concrete.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANK 31T

Fig.
 E-14

WOODWARD-CLYDE CONSULTANTS

BLDG. 2

32T

Above
Ground
Tank

Asphalt

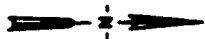
Chemical
Storage Area

Concrete

Fence

Above Ground
Tanks

BLDG. 12



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump. tank
2. The surface material over the tank is asphalt.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANK 32T

Fig.
E-15

WOODWARD-CLYDE CONSULTANTS

Asphalt Roadway

Sidewalk

Landscaped Area

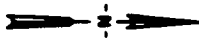
▲
■
33T

Old Generator Bldg.

Stairs

Landscaped Area

BLDG. 3



0 10 20



SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over the tank is landscaped with concrete sidewalk surrounding. Asphalt roadway to the west.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANK 33T

Fig.
E-16

BLDG. 4

BLDG. 11

Asphalt

Machines

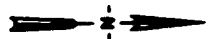
34T

Shed

Asphalt

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is asphalt.
3. No restrictions other than those shown.
4. Tank oriented north-south, limits approximate. No access.



0 10 20



SCALE, feet

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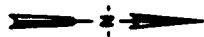
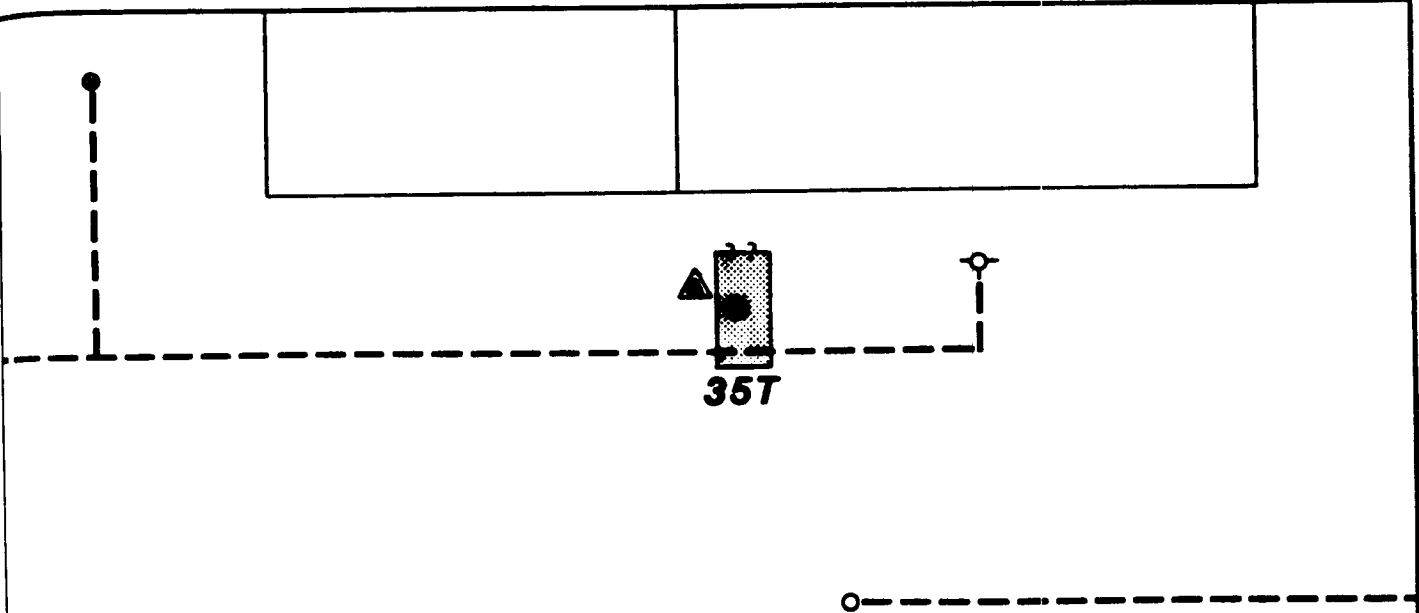
LOCATION MAP FOR TANK 34T

**Fig.
E-17**

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128693

BLDG. 67



0 10 20
SCALE, feet

NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over and around the tank is asphalt.
3. Materials stockpiled in area, limiting surface access.
4. West end of tank undetermined due to multiple pipes entering building.

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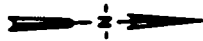
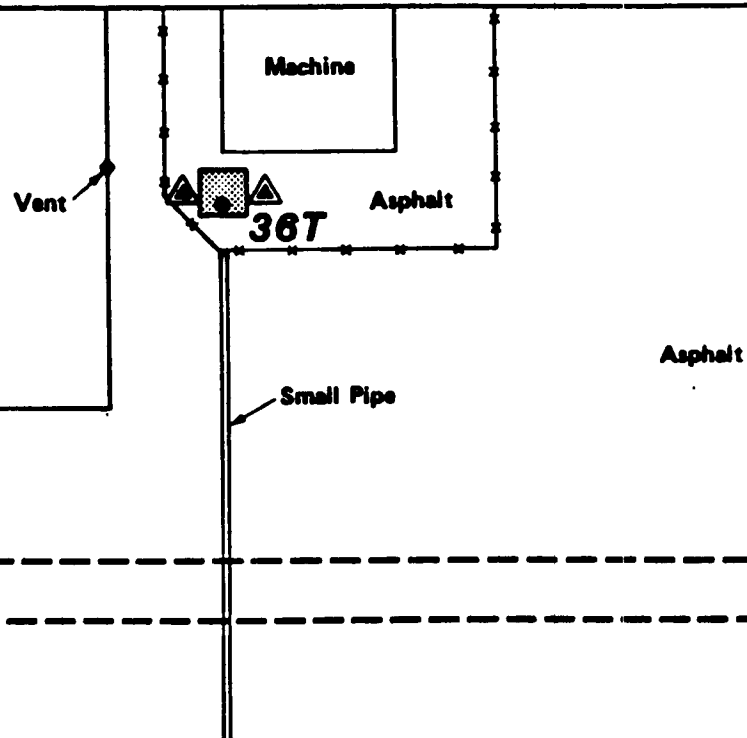
LOCATION MAP FOR TANK 35T

Fig.
E-18

WOODWARD-CLYDE CONSULTANTS

BOE-C6-0128694

BLDG.61A



0 10 20
SCALE, feet

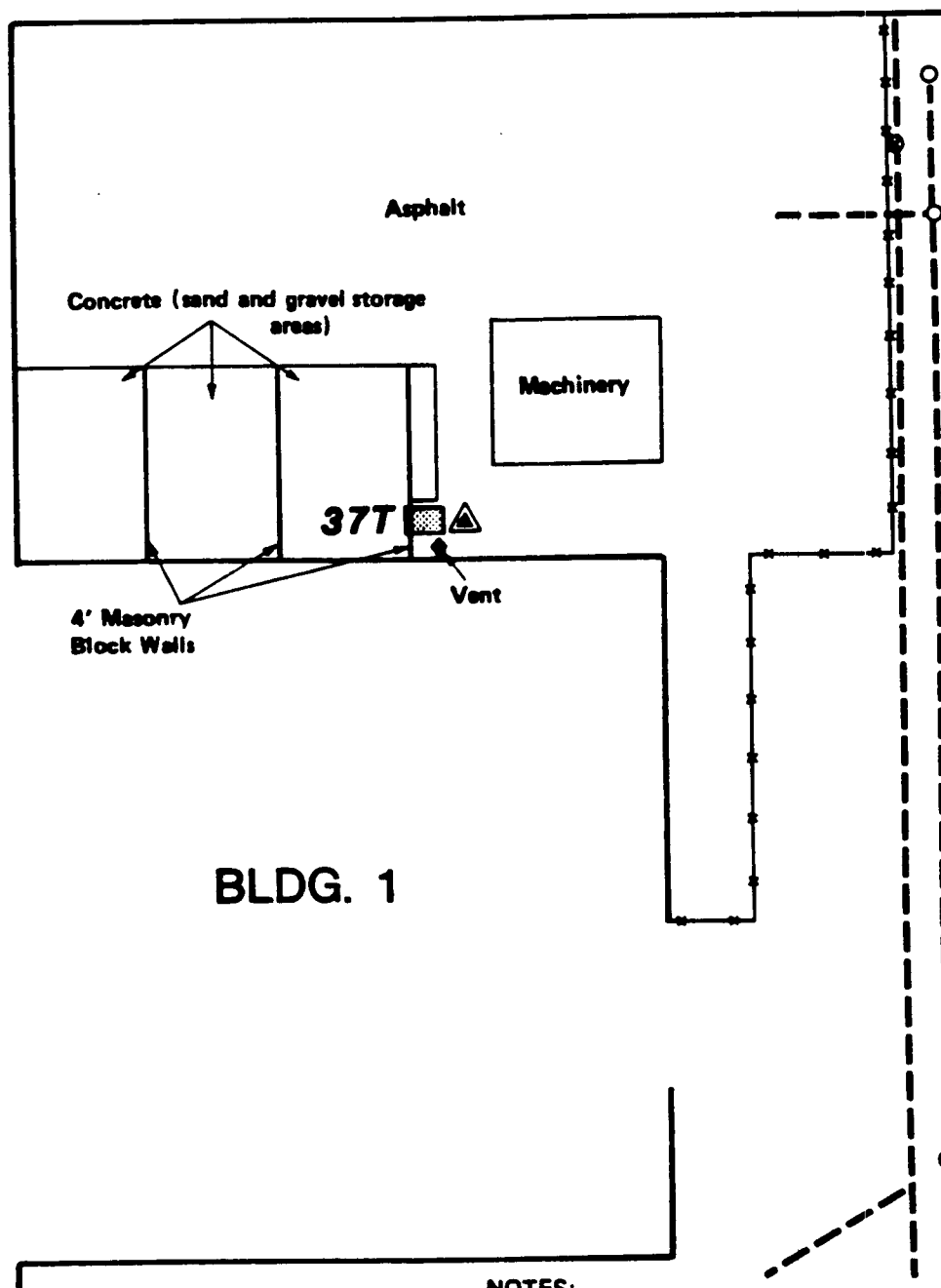
NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material over the tank is asphalt.
3. No restrictions other than those shown.

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LOCATION MAP FOR TANK 36T

Fig.
E-19



NOTES:

1. Underground utilities (water and sewer) supplied by Douglas Aircraft. Utilities are shown only within approximately 30 feet of the tank/sump.
2. The surface material is asphalt with concrete to the south.
3. No restrictions other than those shown.
4. Reported location of 37T is supplied by Douglas Aircraft, not confirmed by visual location.
5. Limits based on acoustic detection are approximate.

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LOCATION MAP FOR TANK 37T

Fig.
E-20

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